# Radical Chemistry of Gem-Diboronates

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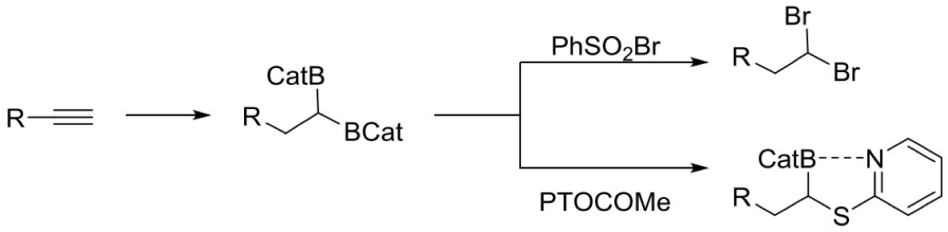
Organoboranes, commercially available or easily prepared via hydroboration of olefins, represent a very attractive source of alkyl radicals.[1] Dihydroboration of terminal alkynes by borane was discovered by Brown.[2] We report here, that gem-dicatecholboranes, obtained by hydroboration of terminal alkynes, are suitable precursors for the generation of radicals. Depending on the nature of the trap, mono- or bis-reactions are observed.




[1] V. Darmency, P. Renaud, *Top. Curr. Chem.* **2006**, *263*, 71-106.
[2] C. Brown, G. Zweifel, *J. Am. Chem. Soc.* **1961**, *83*, 3834–3840.